

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	ATTN: ISSUE FEE
)	
Takeya Abe et al.)	Allowed: December 2, 2009
)	
Application No.: 09/936,514)	Group Art Unit: 1652
)	
Filed: September 14, 2001)	Examiner: Christian L. Fronda
)	
For: METHOD OF PURIFYING AMIDE)	Confirmation No.: 4410
COMPOUND)	

SECOND REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to the First Request for Corrected Official Filing Receipt filed April 29, 2002, enclosed is a copy of the Official Filing Receipt marked to show a correction that is needed. The correction is as follows:

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/JP01/00343 00131 01/12/2001

This correction is in accordance with the Declaration and Power of Attorney (copy attached) filed September 14, 2001 in the above-identified patent application. Also enclosed are copies of the PCT Notification of Receipt of Record Copy dated February 15, 2001 and the front page of WO 01/53253 A1 showing the correct PCT application number. These documents were previously made of record in the above-identified patent application. Issuance of a corrected Official Filing Receipt is respectfully requested.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: December 10, 2009

By:



Robert G. Mukai
Registration No. 28531

Customer No. 21839
703 836 6620



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/936,514	09/14/2001	1646	932	018793-253		24	1

CONFIRMATION NO. 4410

REPLACEMENT FILING RECEIPT



OC000000007617685

Robert G Mukai
Burns Doane Swecker & Mathis
PO Box 1404
Alexandria, VA 22313-1404

Date Mailed: 03/11/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)


Takeya Abe, Chiba, JAPAN;
Kiyoshi Itou, Chiba, JAPAN;
Kenju Sasaki, Chiba, JAPAN;
Seiichi Watanabe, Chiba, JAPAN;
Tamotsu Asano, Chiba, JAPAN;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/JP01/00343 01/12/2001
00131

Foreign Applications

JAPAN 2000-7993 01/17/2000



Projected Publication Date: To Be Determined - pending completion of Security Review

Non-Publication Request: No

Early Publication Request: No

Title

Method of purifying amide compound

Preliminary Class

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

COMBINED DECLARATION AND POWER OF ATTORNEY <input type="checkbox"/> (Includes Reference to Provisional and PCT International Applications)	Attorney Docket Number																								
<p>As a below-named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name: I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>Process for Purifying Amide Compound</u></p> <p><input type="checkbox"/> the specification of which (check only one item below):</p> <p style="margin-left: 40px;">is attached hereto.</p> <p style="margin-left: 40px;">was filed as United States application Number _____ on _____ and was amended on _____ (if applicable)</p> <p><input checked="" type="checkbox"/> was filed as PCT international application Number <u>PCT/JP01/00131</u> on <u>12.01.2001</u> and was amended under PCT Article 19 on _____ (if applicable).</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.</p> <p>I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.</p> <p>I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(e) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United states of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United states of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">COUNTRY (if PCT, indicate "PCT")</th> <th style="width: 25%;">APPLICATION NUMBER</th> <th style="width: 25%;">DATE OF FILING (Day, Month, Year)</th> <th style="width: 25%;">PRIORITY CLAIMED UNDER 35 U.S.C. §119</th> </tr> </thead> <tbody> <tr> <td>JAPAN</td> <td>2000-7993</td> <td>17.01.2000</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>PCT</td> <td>PCT/JP01/00131</td> <td>12.01.2001</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>I hereby claim the benefit under title 35, United States Code § 119(e) of any United States provisional application(s) listed below.</p> <table style="width: 100%;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; margin-bottom: 5px;">(Application Number)</td> <td style="width: 50%; border-bottom: 1px solid black; margin-bottom: 5px;">(Filing Date)</td> </tr> <tr> <td style="border-bottom: 1px solid black; margin-bottom: 5px;">(Application Number)</td> <td style="border-bottom: 1px solid black; margin-bottom: 5px;">(Filing Date)</td> </tr> </table>		COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)	PRIORITY CLAIMED UNDER 35 U.S.C. §119	JAPAN	2000-7993	17.01.2000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PCT	PCT/JP01/00131	12.01.2001	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									(Application Number)	(Filing Date)	(Application Number)	(Filing Date)
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(Application Number)	(Filing Date)																								
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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONTINUED) (Includes Reference to Provisional and PCT International applications)				Attorney Docket No.	
<p>I hereby claim the benefit under title 35, United States code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is /are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/ those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the Office all information known to me to be material to the patentability as defined in Title 37, code of Federal Regulations § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:</p>					
PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:					
U.S. APPLICATIONS			STATUS (check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. APPLICATION NUMBERS ASSIGNED (if any)			
PCT/JP01/00131	12.01.2001				
<p>I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:</p>					
William L. Mathis Peter H. Smolka Robert S. Swecker Platon N. Mandros Benjamin S. Duffrett, Jr. Joseph R. Magnone Norman H. Stepno Ronald L. Grudziecki Frederick G. Michaud, Jr. Alan E. Kopecki Reginald E. Slutter Samuel C. Miller, III Ralph L. Freeland, Jr.	17,337 15,913 19,885 22,124 22,030 24,239 22,716 24,970 26,003 25,813 26,999 27,360 16,110	Robert G. Mukai George A. Hovanec, Jr. James A. LaBarre E. Joseph Gess R. Danny Huntington Erie H. Weisblatt James W. Peterson Teresa Stanek Rea Robert E. Krebs William C. Rowland T. Gene Dillahunt Patrick C. Keane Bruce J. Boggs, Jr.	28,531 28,223 28,632 28,510 27,903 30,505 26,057 30,427 25,885 30,888 25,423 32,858 32,344	William H. Benz Peter K. Skiff Richard J. McGrath Matthew L. Schneider Michael G. Savage Gerald F. Swies Michael J. Ure Charles F. Wieland III Bruce T. Wieder Todd R. Walters	25,952 31,917 29,195 32,814 32,596 30,113 33,089 33,096 33,816 34,040
<p>and:</p>					
<p>Address all correspondence to: Robert G. Mukai BURNS, DOANE, SWECKER & MATHIS, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404</p>					
<p>Address all telephone calls to: <u>Robert G. Mukai</u> at (703)836-6620.</p>					
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>					

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONTINUED) (Includes Reference to Provisional and PCT International applications)			Attorney Docket No.
(1)	Full Name of First Inventor Takeya ABE	Signature <i>Takeya ABE</i>	Date 24. 7. 2001
	Residence Chiba JPX	Citizenship Japan	
	Post Office Address c/o Mitsui Chemicals, Inc., 1900, Togo, Mobara-shi, Chiba, 297-8666 Japan		
(2)	Full Name of Second Inventor Kiyoshi ITOU	Signature <i>Kiyoshi ITOU</i>	Date 24. 7. 2001
	Residence Chiba JPX	Citizenship Japan	
	Post Office Address c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba, 297-0017 Japan		
(3)	Full Name of Third Inventor Kenju SASAKI	Signature <i>Kenju Sasaki</i>	Date 24. 7. 2001
	Residence Chiba JPX	Citizenship Japan	
	Post Office Address c/o Mitsui Chemicals, Inc., 1900, Togo, Mobara-shi, Chiba, 297-8666 Japan		
(4)	Full Name of Fourth Inventor Seichi WATANABE	Signature <i>Seichi Watanabe</i>	Date 24. 7. 2001
	Residence Chiba JPX	Citizenship Japan	
	Post Office Address c/o Mitsui Chemicals, Inc., 1900, Togo, Mobara-shi, Chiba, 297-8666 Japan		
(5)	Full Name of Fifth Inventor Tamotsu ASANO	Signature <i>Tamotsu Asano</i>	Date 24. 7. 2001
	Residence Chiba JPX	Citizenship Japan	
	Post Office Address c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba, 297-0017 Japan		
	Full Name of Sixth Inventor	Signature	Date
	Residence	Citizenship	
	Post Office Address		
	Full Name of Seventh Inventor	Signature	Date
	Residence	Citizenship	
	Post Office Address		
	Full Name of Eighth Inventor	Signature	Date
	Residence	Citizenship	
	Post Office Address		

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF RECEIPT OF
RECORD COPY

(PCT Rule 24.2(a))

From the INTERNATIONAL BUREAU

To:

MOGAMI, Shotaro
Nagatani City Plaza 201
8-1, Akasaka 1-chome
Minato-ku, Tokyo 107-0052
JAPON



Date of mailing (day/month/year) 15 February 2001 (15.02.01)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference F-1892	
	International application No. PCT/JP01/00131

The applicant is hereby notified that the International Bureau has received the record copy of the international application as detailed below.

Name(s) of the applicant(s) and State(s) for which they are applicants:

MITSUI CHEMICALS, INC. (for all designated States except US)
ABE, Takeya et al (for US)

International filing date : 12 January 2001 (12.01.01)
Priority date(s) claimed : 17 January 2000 (17.01.00)
Date of receipt of the record copy
by the International Bureau : 29 January 2001 (29.01.01)
List of designated Offices :

EP : DE, FR, GB, NL
National : KR, US

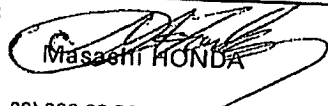
ATTENTION

The applicant should carefully check the data appearing in this Notification. In case of any discrepancy between these data and the indications in the international application, the applicant should immediately inform the International Bureau.

In addition, the applicant's attention is drawn to the information contained in the Annex, relating to:

- ☒ time limits for entry into the national phase
☒ confirmation of precautionary designations
☒ requirements regarding priority documents

A copy of this Notification is being sent to the receiving Office and to the International Searching Authority.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 740.14.35 Form PCT/IB/301 (July 1998)	Authorized officer:  Masashi HONDA Telephone No. (41-22) 338.83.38
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003841114

(19) 世界知的所有権機関
国際事務局



(43) 国際公開日
2001 年 7 月 26 日 (26.07.2001)

PCT

(10) 国際公開番号
WO 01/53253 A1

(51) 国際特許分類: C07C 231/24, 233/09,
C12P 13/02 // C07C 231/06, C12N 15/60, (C12N 15/60,
C12R 1:19) (C12P 13/02, C12R 1:19)

(21) 国際出願番号: PCT/JP01/00131

(22) 国際出願日: 2001 年 1 月 12 日 (12.01.2001)

(25) 国際出願の言語: 日本語

(26) 国際公開の言語: 日本語

(30) 優先権データ:
特願2000-7993 2000 年 1 月 17 日 (17.01.2000) JP

(71) 出願人 (米国を除く全ての指定国について): 三井化学株式会社 (MITSUI CHEMICALS, INC.) [JP/JP]; 〒100-6070 東京都千代田区霞が関三丁目2番5号 Tokyo (JP).

(72) 発明者: および

(75) 発明者/出願人 (米国についてののみ): 阿部剛也 (ABE,

Takeya) [JP/JP]. 佐々木賢樹 (SASAKI, Kenju) [JP/JP]. 渡辺清一 (WATANABE, Seiichi) [JP/JP]; 〒297-8666 千葉県茂原市東郷1900番地 三井化学株式会社内 Chiba (JP). 伊藤 潔 (ITOU, Kiyoshi) [JP/JP]. 浅野保 (ASANO, Tamotsu) [JP/JP]; 〒297-0017 千葉県茂原市東郷1144番地 三井化学株式会社内 Chiba (JP).

(74) 代理人: 苗村新一 (NAEMURA, Shinichi); 〒221-0056 神奈川県横浜市神奈川区金港町5番地, 36 東興ビル5 階 Kanagawa (JP).

(81) 指定国 (国内): KR, US.

(84) 指定国 (広域): ヨーロッパ特許 (DE, FR, GB, NL).

添付公開書類:
— 国際調査報告書

2 文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

(54) Title: METHOD OF PURIFYING AMIDE COMPOUND

(54) 発明の名称: アミド化合物の精製方法

(57) Abstract: A method of efficiently eliminating impurities contained in an amide compound-containing solution (in particular, an amide compound-containing solution prepared by hydrating a nitrile compound by using optionally processed microbial cells containing nitril hydratase) which comprises bringing the solution into contact with active carbon under acidic conditions.

(57) 要約:

本発明は、アミド化合物含有液、特にニトリルヒドラターゼを含有する微生物菌体、または該微生物菌体の処理物を用いてニトリル化合物の水和反応で製造されたアミド化合物含有液を、酸性の条件下において、活性炭と接触処理することにより、アミド化合物含有液中に含まれる不純物を効率的に除去する方法を提供する。

WO 01/53253 A1